

What is claimed is:

1. A short message transmitting method in a communication system comprising the steps of:

 checking the number of characters of an input text message;

5 inserting connection information representing a boundary of the text message and identification information for informing that the text message is divided whenever the checked number of characters exceeds a predetermined number;

10 dividing the input text message according to the inserted connection information; and

 transmitting divided text messages.

2. The method as claimed in claim 1, wherein at the connection information insertion step, the connection information comprises first connection information for informing that there is the divided text message connected in rear of the connection information, and second connection information for informing there is the divided text message connected in front of the connection information.

20 3. The method as claimed in claim 1, wherein at the identification information insertion step, the identification information includes information representing a division order of the input text message.

4. The method as claimed in claim 2, wherein the first connection information is inserted into a start portion of the

respective divided text message, and the second connection information is inserted into an end portion of the respective divided text message.

5. The method as claimed in claim 2, wherein in case of the
firstly divided text message among the divided text messages, the
connection information is inserted into only an end portion of
the firstly divided text message.

6. The method as claimed in claim 2, wherein in case of the
lastly divided text message among the divided text messages, the
connection information is inserted into only a start portion of
the lastly divided text message.

7. The method as claimed in claim 1, wherein the divided
text messages are transmitted through a paging channel.

8. The method as claimed in claim 1, wherein the
transmitting step further includes the steps of:

 checking the divided order of the respective divided text
messages; and

 successively transmitting the respective divided text
messages according to the checked divided order.

20 9. The method as claimed in claim 8, wherein the information
on the division order of the respective divided text messages is
obtained by checking the inserted identification information.

10. The method as claimed in claim 1, further comprising the
steps of:

after the transmitting step, checking whether the respective divided text messages are normally transmitted; and

if it is checked that there is any text message not normally transmitted, re-transmitting the corresponding text message.

5 11. A short message receiving method in a communication system comprising the steps of:

receiving text messaged transmitted through a radio channel;

10 checking whether the received text messaged are text messages divided and transmitted by a transmitting end by analyzing identification information of the received text messages;

if it is checked that the received text messages are the divided and transmitted text messages, storing the received text messages in a memory; and

15 displaying the text messages stored in the memory.

12. The method as claimed in claim 11, wherein at the display step, the identification information of the respective stored text messages is checked, and the respective stored text messages are successively displayed according to division order 20 information of the respective stored text messages that is included in the identification information.

13. A short message transmitting/receiving method in a communication system comprising the steps of:

a transmitting end producing a message to be transmitted;

in case that the message to be transmitted exceeds a predetermined length, a receiving end inserting for a predetermined unit of the message connection information representing a boundary of the unit and identification information representing that the message is divided and transmitted;

segmenting the message according to the inserted connection and identification information;

numbering and transmitting to the transmitting end the divided unit messages; and

the receiving end assembling the transmitted unit messages into a message according to the connection and identification information of the unit messages and displaying the assembled message.

14. The method as claimed in claim 13, wherein the message assembling step comprises the steps of:

temporarily storing the transmitted unit messages;

assembling the unit messages according to a numbering order of the stored unit messages and the connection information; and

20 displaying the assembled message.

15. The method as claimed in claim 13, wherein the unit messages are transmitted through a paging channel.

16. The method as claimed in claim 13, wherein the connection information is inserted into a start and an end of the respective unit message.

17. The method as claimed in claim 16, wherein the
5 connection information is inserted into an end of the firstly produced unit message.

18. The method as claimed in claim 16, wherein the connection information is inserted into a start of the lastly produced unit message.

10
TENET COPIES 41120